

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S10	33689	(stem adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/26 12:54
S11	64763	(gene adj transfer) or (gene adj therapy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/10/28 16:03
S12	5683	S10 same S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/10/28 16:03
S13	247437	heart or cardiac or myocardium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/10/28 16:04
S14	296	S12 same S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/10/28 16:04
S15	20	S14 and pacemaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/10/28 16:04
S16	5	S14 same (ion adj channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/10/28 16:04
S17	33689	stem adj cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/10/28 16:25
S19	64763	(gene adj therapy) or (gene adj transfer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/10/28 16:26
S20	5683	S17 same S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/10/28 16:26
S21	8	S20 same pacemaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/10/28 16:30
S26	192	S20 same heart	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/10/28 16:45

## EAST Search History

S29	3	S20 and HCN2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/10/28 16:45
S30	12477	ion adj channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:42
S31	33969	stem adj cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:22
S32	3240843	gene or compound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:22
S33	16887	S31 same S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:22
S34	46	S30 same S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:25
S35	207372	heart	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:25
S36	3	S34 same S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:29
S37	7832	HCN or HCN2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:29
S38	39	S35 same S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:29
S39	91	S30 same S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:29
S40	2	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:30

## EAST Search History

S41	710	S33 same S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:30
S42	16	S41 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:33
S43	11	create adj ion adj channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 12:42
S44	33969	stem adj cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 13:19
S45	3240843	gene or compound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 13:19
S46	16887	S44 same S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 13:19
S47	11	S46 same pacemaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 13:20
S48	9193	S46 same (construct or vector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 13:21
S49	10	S48 same (ion adj channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 13:22
S50	46	S46 same (ion adj channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 13:25
S51	10	"6387369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 13:56
S52	715	connexin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 13:56

## EAST Search History

S53	19	S46 same S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 13:57
S54	7867	hcn2 or MiRp1 or Mink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 14:29
S55	56	S44 same S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 13:59
S56	1	S55 same (ion adj channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 13:59
S57	5	S52 same S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 14:07
S58	56	S44 same S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 14:29
S59	7	S58 and (mesenchymal adj stem adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/16 14:32
S60	9	"6214620"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/17 10:41
S62	5	"20020022259"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/17 11:18
S63	2149	424/93.21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/17 11:18
S65	34038	(stem adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/17 11:19
S66	988	S63 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/17 11:19

## EAST Search History

S67	85	S66 and (pacemaker or ion (w)channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/17 11:20
S68	34116	(stem adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/22 16:36
S69	43	S68 same gap adj junction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/22 16:39
S70	2973948	current or ion adj channel or pacemaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/22 16:40
S71	2207	S68 same S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/22 16:40
S72	2234	gap adj junction or connexin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/22 16:40
S73	13	S71 same S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/22 16:49
S74	20	"5130821"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/22 16:47
S75	59	S71 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/22 17:09
S76	30	biological adj pacemaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/22 17:09
S77	12532	ion adj channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/22 17:09
S78	12	S76 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/22 17:10

## EAST Search History

S79	1476	424/93.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/26 12:54
S80	34244	(stem adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/26 12:54
S81	446	S79 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/26 12:56
S82	65582	(gene adj transfer) or (gene adj therapy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/26 12:56
S83	5761	S80 same S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/26 12:56
S84	250017	heart or cardiac or myocardium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/26 12:56
S85	306	S83 same S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/26 12:56
S87	10	S81 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/11/26 12:57
S88	2	mesenchymal same hcn2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/22 16:06
S91	21	pacemaker and hcn2 and cell.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/22 16:07
S92	7	HCN2 and mesenchymal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/11 10:44
S93	78	(hyperpolarization near2 activated near2 cyclic near2 nucleotide near2 gate\$3) or HCN2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/12 10:49

## EAST Search History

S94	40	S93 same cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/05/12 10:49
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(FILE 'HOME' ENTERED AT 14:05:07 ON 12 MAY 2006)

FILE 'MEDLINE, BIOSIS, EMBASE, CAPLUS' ENTERED AT 14:05:15 ON 12 MAY 2006  
L1 8484 S MESENCHYMAL STEM CELL  
L2 609 S HCN2  
L3 18 S L1 AND L2  
L4 11 DUP REM L3 (7 DUPLICATES REMOVED)

FILE 'MEDLINE, BIOSIS, EMBASE, CAPLUS' ENTERED AT 14:07:07 ON 12 MAY 2006  
L5 5075 S ROSEN M?/AU  
L6 23 S L1 AND L5  
L7 13 DUP REM L6 (10 DUPLICATES REMOVED)

=> end